

**SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT
FOR CONTROLLING THE OPERATION OF MOTION
DEVICES BY DIRECTLY IMPLEMENTING ELECTRONIC
SIMULATION INFORMATION**

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ABSTRACT OF THE DISCLOSURE

- A system for controlling the operation of at least one motion device, where the motion devices comprise at least one controllable element, includes a setup component and at least one motion command component. The setup component is capable of extracting process information from electronic simulation information, and thereafter formatting the process information into neutral process information. The motion command components are each associated with at least one motion device, and are capable of receiving the neutral process information from the setup component. Each motion command component is capable of interpreting the received neutral process information into operation information for the controllable elements of each respective motion device, where the operation information depends on a type of the at least one motion device. Each motion command component is further capable of distributing the operation information to the controllable elements of each respective motion device.

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